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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/028,916 | 12/28/2001 | Shinichi Yoshino | Q67921 | 2800 |
| 7590 | 09/12/2005 | | EXAMINER | |
| SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W. Washington, DC 20037-3213 | | | PWU, JEFFREY C | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2143 | |

DATE MAILED: 09/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/028,916 | YOSHINO, SHINICHI | |
| | Examiner | Art Unit | |
| | Jeffrey C. Pwu | 2143 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on _____.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-6 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Title

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 6 recites the limitation "the other cases" in claim 5. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Sethi (U.S. 6,704,780).

Sethi teaches claims:

1. A method of managing a network which is for use in a network using SNMP (Simple Network Management Protocol) between a network management device for managing the network and a management object device connected to the network management device through the network to be managed thereby, said method comprising the steps of:

compressing a data portion of an SNMP packet transferred between said network management device and said management object device by a predetermined compression algorithm to transmit the SNMP packet including the compressed data portion; (col.2, lines 5-11) and

decompressing said compressed data portion of said SNMP packet by said predetermined compression algorithm to carry out a predetermined processing on the SNMP packet. (col.2, line12-19)

2. A method as claimed in claim 1, wherein said network management device memorizes a plurality of said management object devices ("object identifiers"-OID's) to which said predetermined compression algorithm is applicable, respectively, in a table, said network management device compressing only said SNMP packet directed to the management object device to which said predetermined compression algorithm is applicable and which is memorized in said table to form a transfer packet to be transmitted. (col.4, lines 49-67)

3. A method as claimed in claim 1, wherein a bit "1" is set on a predetermined bit

position of a packet tag showing a kind of a packet to be formed in a case that said data portion has been compressed by said predetermined compression algorithm, and wherein a bit "0" is set on the predetermined bit position of the packet tag showing a kind of a packet to be formed in the other case. (figs. 5 & 7)

4. A network management system which is for use in a network using SNMP (Simple Network Management Protocol) between a network management device for managing the network and a management object device connected to the network management device through the network to be managed thereby, comprising:

a packet which is transferred between said network management device and said management object device and which has a bit position for setting a compression indicating bit showing that said packet has been compressed by a predetermined compression algorithm (claim 1); said network management device including:

a table for memorizing whether or not said predetermined compression algorithm is applicable to said management object device; (table 1)

a compression/decompression processing section which investigates, by said table, whether or not said predetermined compression algorithm is applicable to said management object device as a transmission destination, when SNMP packet is transmitted from said network management device; (col.6, lines 15-67)

said compression/decompression processing section compressing said packet with said compression indicating bit being set on said bit position, when

said predetermined compression algorithm is applicable to said management object device as said transmission destination; (col.6, lines 15-67)

said compression/decompression processing section decompressing said packet, when said compression indicating bit is set on said bit position of SNMP packet received from said management object device; (col.6, lines 15-67)

a communication processing section which adds a predetermined header to said SNMP packet to form a transfer packet; (col.6, lines 15-67)

said transfer packet being transmitted to a transmission destination; said communication processing section extracting said SNMP packet from a received transfer packet; (col.6, lines 15-67) and

said communication processing section transmitting the extracted SNMP packet to said compression/decompression processing section, when said compression indicating bit is detected from said bit position of the extracted SNMP packet. (col.6, lines 15-67)

5. A network management system as claimed in claim 4, wherein said management object device including: a communication processing section which is connected to the network management device through the network and which adds a predetermined header to said SNMP packet generated in said management object device to form a transfer packet; said transfer packet being transmitted to a transmission destination through the network; said communication processing section extracting said SNMP packet from a transfer packet received through the network; said SNMP packet being

transmitted to an internal of said management object device; and a compression/decompression processing section which compresses SNMP packet directed to said network management device with said compression indicating bit being set on said bit position; said compression/decompression processing section decompressing said SNMP packet, when said compression indicating bit is set on said bit position of SNMP packet received from said management object device. (col.6, lines 15-67)

6. A network management system as claimed in claim 5, wherein said communication processing section transmits said extracted SNMP packet to said compression/decompression processing section, in a case that said compression indicating bit is set on said bit position of the extracted SNMP packet, said communication processing section canceling said received packet in the other cases. (col.5, line 53-col.6, line 10)

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey C. Pwu whose telephone number is 571-272-6798.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



8/30/05

JEFFREY PWU
PRIMARY EXAMINER